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FEBRUARY 5, 1890.



Issued Every Week.

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# Farmer

AND

NEW FARM.

OUR 27TH YEAR.

When every family own their home, the prosperity of the Country is assured.

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WALWORTH & CO.,  
BALTIMORE, MD.

# BE PROVIDED WITH

A bottle of Ayer's Cherry Pectoral, and so have the means at hand of contending successfully with sudden attacks of throat and lung troubles. As an emergency medicine, for the family, Ayer's Cherry Pectoral has no equal, its prompt use having frequently cured croup, whooping cough, and bronchitis, and saved many lives. Leading physicians everywhere give it the preference over any other preparation of the kind.

"I find no such medicine for croup and whooping cough as Ayer's Cherry Pectoral. It was the means of saving the life of my little boy, only six months old, carrying him through the worst case of whooping cough I ever saw."—J. Malone, Piney Flats, Tenn.

"I am never without Ayer's Cherry Pectoral in the house. For croup, it is the best remedy."—Mrs. J. M. Bohn, Red Bluff, Cal.

"After an extensive practice of nearly one-third of a century, Ayer's Cherry Pectoral is my cure for recent colds and coughs. I prescribe it, and believe it to be the very best expectorant now offered to the people."—Dr. John C. Lewis, Druggist, West Bridgewater, Pa.

To a lady whose daughter had been treated for chronic bronchitis without relief, we recommended Ayer's Cherry Pectoral. The lady says that this preparation is doing more good than any other medicine, and that her daughter now sleeps well and is improving rapidly."—J. R. Kelch & Co., Druggists, Tarlton, Ohio.

"Ayer's Cherry Pectoral saved my life. It cured me of acute bronchitis."—Geo. B. Hunter, Digby, N. S.

"As a specific for croup, and for the cure of colds or conghs, there is no preparation equal to Ayer's Cherry Pectoral. It is pleasant, safe, and sure."—S. H. Latimer, M. D., Mt. Vernon, Georgia.

"I have found Ayer's Cherry Pectoral a most valuable remedy for bronchitis, and disease of the lungs, from which I suffered greatly. The cure which this medicine effected in my case was most wonderful. I am also satisfied that it saved the lives of my children, who were sick with lung fever."—S. L. True, Palisade, Nebr.

"I have used Ayer's remedies in my practice, and am glad to say that I have found them very beneficial. In acute bronchitis, Ayer's Cherry Pectoral is particularly valuable. It is considered by my people as a remedy which no household should be without."—Dr. V. Lamberti, 257 Gratiot st., Detroit, Michigan.

## Ayer's Cherry Pectoral,

Prepared by DR. J. C. AYER & CO., Lowell, Mass. Sold by all Druggists.  
Price \$1. Six bottles \$5.

## YOU SHOULD HAVE A POULTRY BOOK.

All about breeding and raising, Incubators and Brooders.

Sent post paid for 25 cents.

THE MARYLAND FARMER.

BALTIMORE, Md.



THE OLDEST AGRICULTURAL JOURNAL IN MARYLAND, AND FOR TEN YEARS THE ONLY ONE.

## AND NEW FARM.

Vol. XXVII. BALTIMORE, February 5, 1890. No. 6.

For The Maryland Farmer.

### COMMISSION MEN.

mr. editor.

i want to rite for my nabor told me you was willing to do sunthin to help any farmer. i druv into town with 20 bushel of pertaters 16 pounds of butter and 6 dozen eggs. Wen about a mile from town a runner stope me and asked wot I had got. i told him and he sed he wanted to by. he sed the pertaters was wurth 20 cents a bushel the eggs 20 cents a dozen and the butter 9 cents a pound. i stope and sed id go back home. he then sed pertaters was luking up a little and his house mite give 25 cents a bushel. Well i druv to his house and shuvelled my pertaters into his bars and give him my butter and eggs. got 25 cents for pertaters and the price was 50 cents and the butter ort to bin 14 cents eggs 24 cents. now mr. editor wot can i do to git rite with that commissioner chap.

Samuel Tucker.

The above letter comes to us without

any date, but postmarked in Howard Co. We publish it just as received not to take any exceptions to its form or spelling, capitals or punctuation; but to show the rightful indignation of an honest hard-working man who has been victimised by a system which we had supposed had belonged to the past.

We do not think there are many houses in our city who are now carrying out this plan of meeting incoming farmers and buying up their loads at greatly reduced prices. We have known of reputable houses who have thus met farmers and obtained their supplies; but always paid the full market price.

It is this occasional action of some reckless firm, which casts a suspicion on all commission men and makes them in bad odor throughout entire neighborhoods.

Of course this farmer can get nothing more than he has got. He voluntarily sold his load, took his agreed price and went away. Some of his neighbors most likely have told him of his mistake.

It seems hardly necessary to say, never

sell produce to runners at a stipulated price, before you know that it is fully up to the market price of the goods. And yet this instance shows that room for this advice still exists as near us as Howard county.

The difficulty, however, is here. This advice does not reach the parties who are most apt to suffer. They are generally those who do not take the papers; or, if they take any paper, it is one which perhaps does not treat of home events, or post them as to city schemes.

We believe the substantial and honest dealing commission houses of Baltimore are just as anxious as the farmers to have it generally known what are the market rates for all produce, and many of them by means of postal cards and circulars issued regularly strive to keep farmers posted.

Of course they can reach only a very limited number in this way. We believe it would be to the great advantage of both the dealers in produce and the farmers to have the cards of such houses as substantial journals like the Maryland Farmer can recommend, printed in their columns. Thus farmers would feel more free to trust themselves to the dealers.

Even when circulars are received, the farmer cannot tell what is the standing of the house which issues this; but when it is endorsed by his journal, which for more than a score of years has been in his family, it carries a weight with it.

The simple card at a trifling cost, with the permitted reference to the journal, would be a kind of guarantee which would give confidence to the farmer and benefit both parties immensely.

Then the card might be accompanied with the request to send for quotations, where the house issues such.

For The Maryland Farmer.

UNITED STATES

AGRICULTURAL DEPARTMENT  
and  
PRACTICAL FARMING.

We hail with pleasure the announcement that the Agricultural Department have secured three hundred acres of land at Arlington for cultivation and practical experiments. We hope this will be a step towards monthly bulletins in the form of the Insect Monthly, by which every farmer's family may be posted on the best methods of work, as well as the best remedies for all troubles affecting stock and crops, and the best seed, trees and fruit for various localities. We do not have any jealousy of such a publication. We believe the good it would do will far overbalance the injury to other private Agricultural papers, such as ours.

#### FEEDING RATIONS.

Many Agricultural papers are printing a long list of feeding rations in which cotton seed meal and linseed meal figure very largely. Out of twelve different rations for milk production, one or the other of these ingredients enters every time, from two to five pounds being recommended.

The celebrated Chlotilde 2d, when she gave the greatest record ever recorded, in her grain feed of 19lbs was fed less than one pound of linseed meal, while her coarse feed was corn ensilage, carrots and hay.

We do not find roots of any kind mentioned in these twelve rations referred to above. They are behind the times in very many respects. We prefer the test of experts, as in the Chlotilde 2d case—See Maryland Farmer of Dec. 25.

Renew your subscription.

Entered as second class matter at Baltimore, Md.

THE  
**MARYLAND FARMER**  
AND  
NEW FARM.

*Agriculture, Live Stock and Home Life.*

**Oldest Agricultural Journal in Maryland and  
for ten years the only one.**

27 E. PRATT STREET,  
BALTIMORE, MD.

WALWORTH & CO. Editors and Publishers.

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Advertisements to be inserted once a month  
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Special location, on any page, 20 per cent extra.  
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ISSUED EVERY WEEK.

**COMMISSION HOUSES.**

In harmony with, and to carry out the spirit of the article on the first and second pages of this number, the proprietors of the Maryland Farmer will publish in our advertising pages a list of responsible Commission Firms similar to that of Orchard & Garden in this number. We will insert them for the whole year at the rate of \$2.00 each—52 insertions: This is a merely nominal price, but is offered in good faith as in the interest of all concerned: farmers and merchants.

**THE FARMER'S LEAGUE.**

We invite our readers to address us with stamp, and we will send them circulars giving all information concerning this

organization, which is surely destined to be the most powerful organization in our country for the farmers' welfare. We have accepted the Vice Presidency for Maryland, solely because we believe that farmers need a non-partizan, but practical political organization, to secure their rights in the State and in the General Government.

Should any of our friends wish to hear publicly concerning the Farmer's League we will at anytime give them a Lecture on the general subject. Make your arrangements and address.

H. R. WALWORTH, V. P. for Md.,  
Md. Farmer Office, Baltimore, Md.

**DOGS AGAIN.**

The miserable curs, against which the farmers are everywhere protesting and whose existence is one of the crying curses in all parts of our land, have made their appearance in Druid Hill Park in Baltimore and are killing the deer. The park police and watchmen do their best to kill them off; but nights are dark and the deer range is wide, and the dogs have it their own way.

**POULTRY.**

The first number in March will be our Poultry number for 1890. Our issue will be largely in excess of our regular edition and will reach those who are interested or becoming interested in the subject.

Advertisements in the Poultry interests will be a specialty. They will be inserted at \$1.00 an inch; and no advertisement will be accepted for less than 50c the single insertion.

We send this marked to you as an invitation to send us your advertisement for this poultry number.

THE PENNSYLVANIA  
HORTICULTURAL SOCIETY.

We learn from the Phila. Pub. Ledger, that the Pennsylvania Horticultural Society, under the newly elected President Mr. G. W. Childs, will enter upon a series of Monthly Exhibitions of plants, cut flowers, vegetables and fruits, similar to that long established by the Mass. Hort'l. Society in Boston. Its 61st year will not only be signalized by the use of the generous gift of its superb hall from Miss Schaffer, but by this resumption of monthly exhibitions. Its prosperity is now assured, and we congratulate not only Philadelphia, but the country; for its influence will be far-reaching.

A NEW PEST—THE GYPSY MOTH.

Gov. Brackett of Massachusetts in a message has called attention to this new source of alarm for Agriculturists. Last fall in a space  $1\frac{1}{2}$  miles long and  $\frac{1}{2}$  mile wide it stripped shade trees, fruit trees and shrubbery of all their leaves. It promises more trouble than any insect pest heretofore known to the farmer.

For The Maryland Farmer.

SPRAYING WITH ARSENIC.

Popular Gardening says; "Reports differ very widely concerning what is best and safest, Paris green or London purple. \* \* \* This is proper work for the Experimental Stations."

We do not like arsenical solutions for the spraying of fruit trees. After numerous experiments and numerous additional deaths, or injurious affections induced by the poisons, an approach to what is "safe" may be made; but safety can never be

assured by Experiment Stations or any others.

The need is for some insecticide as effective, but wholly harmless to animal life.

AGRICULTURAL AND  
MECHANICAL ASSOCIATION.

The State Association, through its President, has leased the Jockey Club rooms, Charles and Saratoga streets, and will fit them up for the use of its members.

The exposition building at Pimlico has the prospect of being fitted up also for a club resort.

Not deterred by any past experience this State Association believes in a bright future.

BOOKS, CATALOGUES, &c.

The Tomato Catalogue of A. W. Livingston's Sons, Columbus, Ohio. Some of the very best tomatoes in market bear the name of Livingston. A Postal card will bring it.

Catalogue of warranted vegetable, flower and grain seeds, of Jas. J. H. Gregory.

Catalogue, Green's Nursery Co., Rochester, N. Y. One flowering Hydrangea, or one Niagara White Grape vine will be mailed free to all who send 10 cents for this elegant Lithographed Catalogue.

The Century, rich in everything that informs and entertains, can be had now for February. Who can afford to do without it?

Since the American Garden, N. Y., has changed its form to smaller pages and many more of them, it seems to have improved in all other respects as well.

## A CHAPTER ON BEANS.

## Three Promising Lima Beans—Dwarf Versus Pole Beans.

Three dwarf Limas the past season attracted especial attention. These were Henderson's dwarf Lima, Burpee's bush Lima and Kumerle's dwarf Lima. Mr. Carman, who believes that these beans have come to stay, sums up in a nutshell their respective merits. He says: The Henderson will be valuable for its earliness—the Kumerle as a dwarf Dreer's Lima, and the Burpee for a large dwarf Lima. Thousands of people, those especially who have a limited garden area, do not raise pole Limas because of the trouble and expense of procuring and setting the poles. These dwarf varieties require no more space than any of the bush beans, while the pole botheration is entirely avoided.

Dwarf versus pole beans was the text on which a number of prominent horticulturists recently wrote in *Rural New Yorker*. We append some of their expressions. H. M. Engle, of Pennsylvania, said: Bush beans are preferable for early cropping and the saving of poles. Pole beans will yield larger crops. Farmers in this vicinity plant pole beans with corn and they yield fair crops with the least possible labor and expense. They are generally planted after corn is up four to six inches.

Fred Grundy, of Illinois, preferred the dwarf varieties because these are somewhat earlier than the running sorts, take up but little space in the garden and are out of the way in time for a second crop. He makes two plantings, eight to ten days apart, and thinks there is no Lima like the old large Lima.

From Kentucky, A. B. Coleman writes: I do not deem dwarf or bush beans more desirable than pole beans except in earliness, and perhaps because they can be grown with less expense and labor. I am partial to pole beans. They are more prolific, of better quality, and will bear until frost kills the vines if properly cultivated. Bush beans soon become tough and unfit for the table unless shelled, while pole beans are ever bearing.

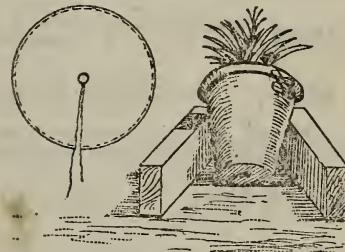
From D. Landreth & Sons, Philadelphia, came the following: We prefer bush beans to running beans, as they require less outlay in preparation. Few pole beans, however, are suitable for transforming into dwarfs, for the weight of the pods on long foot stalks will always have a tendency to extend them

down to the ground, where many will be destroyed by contact.

Mr. N. Hallock, of Queens county, N. Y., said: I prefer the dwarf bean, for it occupies less space and is easily cultivated. With it, too, there is no expense for poles, which are unsightly in a well kept garden, and, as there is no pole bean that is superior to our best bush beans, I have given up raising pole beans for family use.

## THE RED SPIDER.

The red spider, that well known and minute insect pest, which in reality belongs to the family of mites, is peculiar to dry and warm conditions of the atmosphere. It is not only troublesome on window and greenhouse plants, but often in dry weather greatly so to garden plants. The insects, generally in large numbers, attack plants when they are in a weakened state, from want of sufficient water or other causes, spinning webs over the under side of the leaves, and sucking out the sap.



TREATMENT OF INFESTED PLANT IN POT.

Water and moisture, provided with persistence, are complete specifics. As the insects exist on the underside of the leaves, "Popular Gardening" suggests that the best way to destroy them is by repeated forcible syringing, and in the case of potted plants advises the plan as here illustrated. With garden plants there is little danger of excessive moisture at the root from syringing, but there is danger of getting too much moisture in the soil of pot plants, hence the methods of preventing this suggested by the figures in the cut. One of these shows an infested plant inclined at a convenient angle for syringing the underside of the leaves. The other represents a cloth shield having a drawstring in the edge to be placed over the pot during the operation.

# GARDEN AND ORCHARD.

We call especial attention to this list of Nurserymen, Seedsmen, Florists, etc. They all issue good Catalogues and will cheerfully send you one free, if you write referring to the Maryland Farmer. We believe every one of them to be reliable.—*Editor Md. Farmer.*

**Wm. H. Moon,** Glenwood Fruit and Ornamental Nurseries. Morrisville, Pa.

**D. H. Patty,** Nurseries, Geneva, N. Y. Agents Wanted.

**Wiley & Co.** General Nurserymen and Importers, Cayuga, N. Y.

**Northern Grown Seeds.** Northrup, Braslan & Goodwin Co. Minneapolis, Minn.

**E. Moody & Sons,** Lockport, N. Y. Niagara Nurseries. Established 1839.

**West Jersey Nursery Co.** Choicest New & Standard Fruits. Bridgeton, N. J.

**P. Emerson,** Specialties—Peach, Pear & Apple Trees. Wyoming, Del.

**H. W. Hales,** Ridgewood, N. J. New and Rare Plants.

**Samuel C. Moon,** Morrisville, Bucks Co., Pa. Ornamental Trees & Shrubs.

**Ellwanger & Barry,** Mount Hope Nurseries, Rochester, N. Y.

**Lewis Roesch,** Grape Vines and Small Fruits. Fredonia, N. Y.

**C. E. Allen,** Seeds, Plants, Fruits, Roses, Bulbs. Brattleboro, Vt.

**Wm. Parry,** Nursery Stock; Small Fruits. Grapes, etc. Parry, N. J.

**W. Atlee Burpee & Co.** Seeds and Thoroughbred Stock. Phil'a, Pa.

**Thos. Meehan & Son,** Oaks, Rare Ornamentals, Germantown, Pa.

**Henry A. Dreer,** Seeds, Plants and Garden Supplies. Philadelphia, Pa.

**Z. DeForest Ely & Co.** The Popular Seedsmen. Philadelphia, Pa.

**W. M. Peters & Sons,** Peach Trees a Specialty. Wesley, Md.

**Robert C. Reeves,** Seeds, Fertilizers, Implements. New York, N. Y.

**E. B. Richardson & Co.** Nurserymen. Salesmen wanted. Geneva, N. Y.

**Delano Moore,** Farm and Garden Seeds. Presque Isle, Aroostook Co. Me.

**Diamond White Grape Co.** Best White Grape ever introduced. Brighton, N. Y.

**Price & Reed,** Imported & Home grown Vegetable & Flower Seeds. Albany, N. Y.

**E. & J. C. Williams,** Nursery Stock, Grapes & Berries. Montclair, N. J.

**Bush & Son & Weissner,** Grape Vines. Bushberg, Mo.

**Crosman Bros,** Seeds & Plants, wholesale and retail. Rochester, N. Y.

**W. D. Beatie,** Fruits & Flowers, specially adapted to the South. Atlanta, Ga.

**F. Barteldes, & Co.** Kansas Seed House. Lawrence, Ks.

**Miami,** The best late Strawberry on Earth. J. D. Krusek, Box 824. Piqua, Ohio.

**Roop & Zile,** Seed and Plant Growers. Westminster, Md.

**Parsons & Sons Co.** (Limited), Flushing, N. Y. Rare Trees & Shrubs.

**Fred W. Kelsey,** The best Trees, Shrubs, Roses and Plants, New York, N. Y.

**P. J. Berckmans,** Trees, plants, etc., adapted to the South. Augusta, Ga.

**Frank Ford & Sons** Seeds & Nursery stock. Ravenna, Ohio.

**F. H. Mooders,** Eastern grown Garden Seeds. Pittston, Maine.

**Seed Potatoes,** Standard old, choice new varieties. A. F. Whifright, Nova, O

**A. W. Livingston's Sons,** Specialty, New Tomatoes, Columbus, O

For the Maryland Farmer.

## A CHANGE NECESSARY, IX.

Quince Culture.

I have before mentioned the establishment throughout this region of country of quince orchards, the profit of them and

the prospect of continued profit in the future.

Any piece of waste land heretofore, in other portions of our country, has been favored with a quince tree, which has been allowed to have its own way without attention or care, and to live or die as it might happen.

That the fruit has been often small worm eaten, knotty, is not a wonder. The wonder is that it has ever found a market under the circumstances. Yet it is bought up at good prices—yes, very large prices.

My advice to my fellow farmers is that they pick out a fair piece of orchard land this spring for a quince orchard.

Go to your nurseryman—several are now advertising in the Maryland Farmer—and secure what the nurseryman believes to be the best and most prolific quince. Or, write, if it is not convenient to visit the nursery.

The quinces which I like best are the Old Orange quince, the Meech and the Champion. But either of these or a selection of all of them may be depended upon as good producers and favorites with purchasers.

Set them out twenty feet apart each way about as follows:

Dig a generous sized hole about two feet deep—a foot and a half would answer—and fill in with good garden soil with old rotted manure or hard wood ashes.

Any manure used should not come in contact with the roots of the trees. It should be thoroughly mingled with the soil. Shovel it together until it is one mass of fine mould.

If any of the roots are broken cut the ends of them off smooth with a sharp knife. Trim off or shorten in the branches. Dip the roots in mud made of the above soil. Spread them out as well as you can in the hole and draw some of the fine earth over them. Fill in and press down

solid. Pour a pail of water around the young tree and let it soak in thoroughly; then place the remainder of the soil around the tree, having it two or three inches deeper than it stood in the nursery.

When you are setting out an orchard it is best to do it well. It is intended to last a life time. A little care given to it then is of more importance than at any future time. Don't slight the work because things are not handy and it will be a little trouble to get them.

If you can have a few boards four or five feet long sharpened at one end to put on the south side of the tree to shield it from the sun in the hottest part of the day it will be an advantage; but it is not a necessity.

The trees to be set out are two or three years old in the nursery. They will be from three to six years coming into bearing. Do not get impatient if you are told three years, and then you have to wait longer. These things are always in order; you better expect them.

After they commence bearing, you have one more permanent crop which will lighten your labor in the years to come.

While the quince trees are growing the ground should be cultivated and may be manured and planted to some low crop. The young tree will not shade the ground, and the crop will not draw from the trees.

Plant a quince orchard this spring. The trees are sure to grow and you will never regret doing it.

CHAPMAN.

#### ONE THING AT A TIME.

"Early in life," relates a gentleman who has now spent many decades in the service of God and his fellow-man, "I learned from a very simple incident a wholesome lesson, and one which has since been of incalculable benefit to me.



"When I was between twelve and fourteen years old, my father broke up a new field on his farm, and planted it with potatoes, and, when the plants were two or three inches high, he sent me to hoe it.

The ground of that piece was hard to till, it was matted with grass roots and sprinkled with stones. I hoed the first row, and then stopped to take a general look at the task before me. Grass as high as the potatoes was everywhere; and, looking at the whole from any point, it appeared to be a solid mass. I had the work to do all alone; and, as I stood staring at the broad reach of weedy soil, I felt a good mind not to try to do anything further than with it.

"Just at that minute I happened to look down at the hill nearest my feet. The grass didn't seem quite as thick there, and I said to myself, 'I can hoe this one well enough.'

"When it was done, another thought came to help me: I shan't have to hoe but one hill at a time, at any rate.

"And so I went to the next and next. But there I stopped again, and looked over the field. That gave me another thought, too. I could hoe every hill as I came to it; it was only looking away off to all the hills that made the whole seem impossible.

"I won't look at it!" I said; and I pulled my hat over my eyes so I could see nothing but the spot where my hoe had to dig.

"In course of time I had gone over the whole field, looking only at the hill in hand, and my work was done.

"I learned a lesson tugging away at those grass roots which I never forgot. It was to look right down to the one thing to be done now, and not hinder or disconcert myself by looking off at the things I haven't come to. I've been working ever since that summer at the hill nearest my feet, and I



have always found it the easiest way to get a hard task accomplished, as it is the true way to prepare a field for the harvest."—*Southern Presbyterian.*

#### OVERREACHED HIMSELF.

English railways have the very sensible rule that passengers are not allowed to stand in the cars, if any one objects thereto.

The following incident of recent occurrence shows that it does not always pay to insist too strongly on one's rights:—

"Will you kindly allow me to stand?" asked a gentleman as he got into a railway carriage, which carriage already contained the specified number.

"Certainly not, sir!" exclaimed a passenger occupying a corner seat near the door. "The way these trains are overcrowded is shameful!"

"As you appear to be the only person who objects to my presence," replied the gentleman, "I shall remain where I am."

"Then I shall call the guard, and have you removed, sir."

Suiting the action to the word, the aggrieved passenger rose, and, putting his head out of the window, vociferously demanded the guard. The new-comer saw his opportunity, and quietly slipped into the corner seat.

"One over the number," said the newcomer to the guard, coolly.

"You must come out, sir! The train's going on. And, without waiting for fur-

ther explanation, the guard pulled out the aggrieved passenger, who was left wildly gesticulating on the platform.

The story shows that rudeness begets rudeness and that justice when it technically gets hold of the wrong man sometimes gets the man who most deserves punishment.

#### PLEASANTRIES.

One swallow doesn't make a summer; but one grasshopper makes a great many springs.

"I'd rather be a wild turkey and live on the prairie," said a little boy, "than be a tame turkey and be killed every year."

Little Mabel: Mamma, may I have something to eat?

Mother: (impatiently): "Yess: take that piece of cake, and don't open your mouth again!"

Rural Minister: "The brothers whose duty it is to pass the plate are not here today. Would you object to taking up the collection?"

Modest Worshipper: "I never passed the plate in church in my life, and I'm afraid I'd be rather awkward."

Rural Minister: "Oh, never mind that, it won't be noticed. Most of my congregation become absorbed in their hymn-books about the time the plate goes 'round."

#### THE PONY.

A sturdy maid—  
Thump hands upon her hip—  
White throat thing back,  
And laughing, scarlet lips  
Bolt beside laid—

With ketchup well tucked in—  
Smile for each lad,  
A kiss, perhaps, no sin,  
Plain speech or tough,  
No empty flattery—  
But wholesome heart—  
That is the Pony!

*Margaret Deland in THE CENTURY*

#### WATCHES FOR SUBSCRIBERS.

Who wants an excellent gold or silver watch? Who does not want one?  
We can help you get one!

When we were a young man, we just longed to possess a Horse-timer. Most young men do.

We can help you get one!  
What young lady would not prize a gold watch, hardly larger than a 25c silver piece, yet perfect in all respects?  
We can help you get one!

We do not give it to you— you work a little for us, and we pay you for it in this way.

We have made arrangements to have them, at the lowest wholesale prices, and we turn them over to you for the work you do for us.

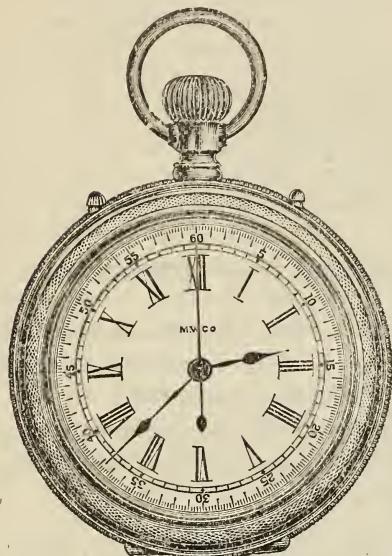
It is an opportunity of a lifetime for you.

For the benefit of our subscribers and to procure new subscribers, the Maryland Farmer has made arrangements with the Manhattan Watch Co., of New York city, one of the oldest as well as best known manufacturers of watches in our country, to supply us some of their best quality watches as follows:

For cash, a gold stop-watch, split sec-

ond horse timer, in reinforced case, for \$12. ; or in oxidized silver case \$7.

The works in these are exactly the



same, are warranted for one year in every respect and kept in thorough repair during that time, should any repairs be needed, without cost to the purchaser.

The reinforced gold case is a steel body with solid gold covering—a sheet of steel within two sheets of gold—rendering it far superior to a gold case for wearing purposes although of much less cost. A guarantee goes with each of these cases for 15 years.

You will see at once that these are not the cheap, common watches offered for a song; but are of real value and worth.

1. They are stem winders and setters.
2. They have split seconds--fifths--and steps; so that the exact time can be recorded to the fifth of a second.
3. The gold case is warranted by the

maker to wear at least 15 years. It is not a plated case; but is sheet gold.

4. The movements are warranted for one year by the manufacturer.

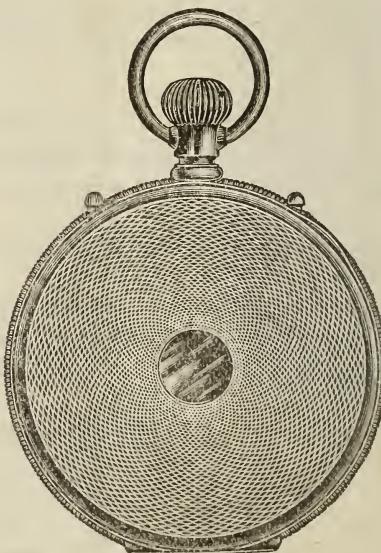
5. You can have your choice either of hand engraved or engine work on the cases. The latter is always in fashion. The hand engraving is in varied styles.

6. It is a full-jewelled balance movement—a good time keeper.

7. Neither the back nor front are hinged; both screw on, thus making them dust proof and water proof.

8. All necessary directions are enclosed with the watch, which is packed and sent safely by registered mail.

The gold watch, which in times past



would have cost a large sum of money, we are able to send you for \$12 cash.—Or, if you will send us 20 subscribers at \$1.00 each, we will send you this watch as a premium for your work.

Should you then not be satisfied with

the watch when received as a premium, we will cheerfully take it back and pay you \$12 cash for it.

The silver watch we will send you for \$7 cash. Or, if you will send us 12 subscribers at one dollar each, we will send you this watch as a premium for your work. If not satisfied with the watch when received as a premium, we will cheerfully take it back and pay you seven dollars cash for it.



We have also made arrangements with the same company for ladies' chatelaine watches in gold and in oxidized silver.



They are beautiful as well as excellent time keepers.

Price in gold, hunting case, \$12 cash, or 20 subscribers at one dollar each.

In silver \$6 cash, or 10 subscribers at one dollar each.

As before stated, if not satisfied with these watches as premiums we will very cheerfully take the watches back at the prices named, paying you cash.

Also, a Boy's watch, nickle case, at four dollars cash. This is not the cheap Waterbury watch; it is a good serviceable time keeper. For 8 subscribers we will send it as a premium, and we are willing to take the watch back and send for it, \$4, if it does not prove satisfactory.

Every farmer's son should have one.

If you wish to work, send the names and P. O. address of those you wish to visit and we will send them copies.

#### REMOVAL NOTICE.

Our readers will please remember that the Famous Mfg. Co., manufacturers of the celebrated "Champion" Baling Presses, are no longer at Quincy, Ill., but have removed their entire business to Chicago.

Address all correspondence, Famous Mfg. Co., Randolph and Canal Streets, Chicago, Ill.

#### Farms For Sale.

**97 Acres**,  $1\frac{1}{2}$  miles from Pocomoke City. Good dwelling. 6 acres Apples. Grass land. Loamy soil. \$2,000. Easy terms.

**228 Acres**, 21 miles from Baltimore, Baltimore Co.,  $\frac{1}{2}$  mile from station on W. M. R. Light soil, 50 acres of wood; Hickory, Oak and Chestnut.—50 acres in Clover and Timothy—Dwelling in good condition, also two tenant houses—Two large healthy apple orchards, abundance of pears, 50 peach trees 2 yrs old—plenty of water—Schools and churches, good roads—Stable room for 20 cows. A most desirable property. \$10,000.

Address MARYLAND FARMER.

## VITALITY OF CLOVER SEED.

"We have seen two-year-old clover seed that was scattered accidentally on the snow in early spring come up as thick as the hair on a dog," says American Cultivator. "If left in the ground, by being buried too deeply, clover seed will often hold its vitality many years. In localities where clover seed is grown, more or less of the seed is lost in harvesting. If the clover seed stubble is plowed and sown with wheat, that which dropped on the surface will not grow the next spring, as it is buried too deeply. But it will come up in subsequent plowings for many years afterward, showing that this seed has retained its vitality underground in all changes of temperature. Farmers sometimes say of such land that 'it is natural to clover,' or the clover 'comes in without seeding.' Neither of these phrases is strictly accurate, but the land of which this may be said is always among the best. It shows how long a field remembers by bounteous crops a season of reasonable treatment."

"Mamma, what's hereditary?" asked Bobbie, laboriously tripping over the syllables of the long word.

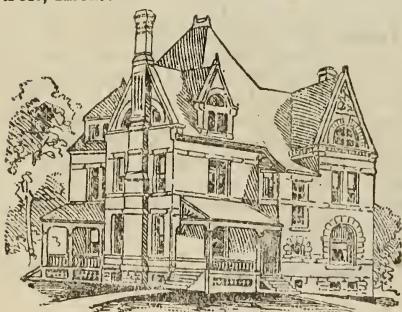
"Why, it is—it is anything you get from your father or me," replied the mother, a little puzzled for a definition suited to his years. Silence of two minutes.

"Then, ma," he asked, "is spankins hereditary?"—Health Monthly.

## AN \$8.000 HOUSE.

## Plan and View of a Handsome Two Story Brick House.

This is from Artistic Houses, published by the National Building Plan association, Detroit, Mich.:



Should The Maryland State Agricultural and Mechanical Association be turned into a Jockey club? We think not.



Chester White, Berkshire and Poland China Pigs, Fine Setter Dogs, Scotch Collies and Fox Hounds, and Beagles, Sheep and Poultry, bred and for sale by

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West Chester, Chester Co., Pa.

Send stamp for Circular and Price-List.

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Illustrated and descriptive catalogue free. Write for it.

**W. F. ALLEN, Jr., ALLEN, MD.**

**Patents** THOMAS P. SIMPSON, Washington, D.C. No atty's fee until Patent obtained. Write for Inventor's Guide.

100 SONGS for 2 cent stamp HOME & YOUTH, CADIZ, O.

**1** Dozen Fine Lead Pencils with Gum in the end, and The Amateur world 6 months, all for 15 cents. Amateur World, Balto. Md.

## SHORTHAND!

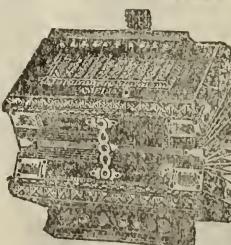
THE POND LILY Co., en. Grant's first stenographer and last Washington, D. C. secretary to conduct has arranged with its School of Shorthand. Lessons by mail. Send stamp for phonetic alphabet, free. Stenographers furnished on call. Typewriters for sale or rent. For \$3 we send, charges paid 1 doz. (2 dozen, \$5) of that delight of the Capital City's elite.

**WRIGHT'S POND LILY TOILET WASH.**

**JOHN F. STRATTON & SON,**  
43 & 45 Walker St. NEW YORK.



Patent [June 7, '81]  
SUBLINE HARMONIE

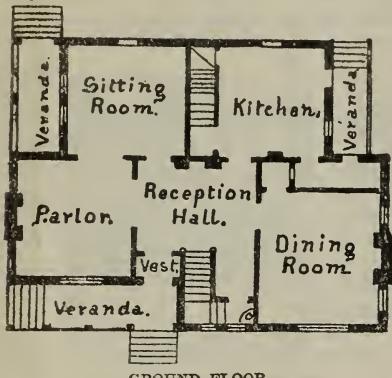


Solo,  
Duet Accordeon,  
Silver Reed.



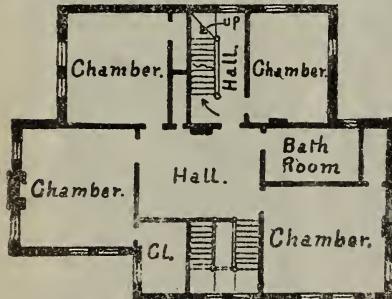
Importers of and Wholesale Dealers in all kinds of  
MUSICAL MERCHANDISE,  
VIOLINS, GUITARS, BANJOS, MANDOLINES,  
Accordeons, Harmonicas, &c.  
All kinds of STRINGS, etc., etc.

Brick or stone foundation, cut stone trimmings, slate roof; principal apartments finished with hard wood, oil finish, inside blinds, etc. Height of stories—first, 10 feet 6 inches; second, 10 feet. Cellar, 6 feet 6 inches. First story contains vestibule, 4x7; reception hall



GROUND FLOOR.

(with fireplace), 11.6x14; parlor (with fireplace), 14x15; sitting room, 14x14.6; dining room (with fireplace), 15x16.6; kitchen, 13x14; pantry, 4x12; china closet, 4x4; front and back stairs. Toilet room under front stairs. Second story contains hall, 13x15; chamber



SECOND STORY.

(with fireplace), 14x15; chamber, 14x14; chamber, 10x14; chamber, 13x15; closet off each chamber; bathroom, 7x11.6.

Estimated cost of building, \$8,000.

### PROTECTING TREES AND SHRUBS IN WINTER.

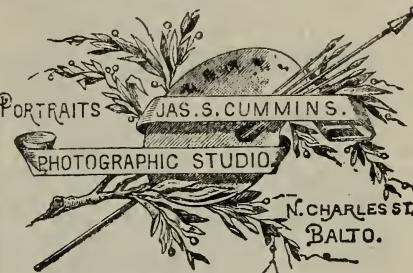
An Illustrated Description of Some of the Best Methods for Protecting Young Trees and Shrubs During the Winter Season.

The aim in giving any kind of winter protection is merely to preserve the gains made in root or top growth during the preceding season. At a in the illustration, a reproduction from Popular Gar-

Inde•pendence is one of the virtues; but we do not commend it regardless of circumstances. But be true to yourself.

### COMMERCIAL COLLEGE OF KENTUCKY UNIVERSITY, LEXINGTON, KY.

Highest Award at World's Exposition.  
Book-keeping, Business, Short-hand, Typewriting, and Telegraphy taught. 1000 Students. 13 teachers. 10,000 Graduates in Business. Begin Now. Address WILBUR E. SMITH, Pres't, Lexington, Ky.

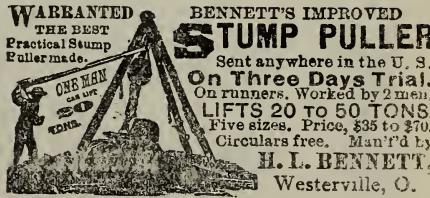


Number 106

## Photographic Supplies.

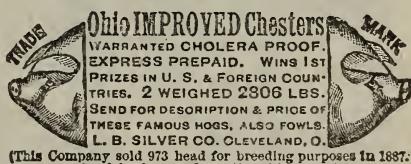
Fine Work a Specialty.

WARRANTED  
THE BEST  
Practical Stump  
Puller made.



BENNETT'S IMPROVED  
**STUMP PULLER**

Sent anywhere in the U. S.  
On Three Days Trial.  
On runners. Worked by 2 men.  
LIFTS 20 TO 50 TONS.  
Five sizes. Price, \$35 to \$70.  
Circulars free. Man'd by  
H. L. BENNETT,  
Westerville, O.



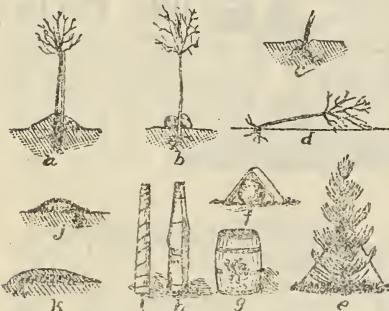
(This Company sold 973 head for breeding purposes in 1887. Send for facts and mention this paper.)



WARRANTED  
as the watch, are FREE. All the work you need do is to show what we send you to those who call—your friends and neighbors and those about you—that always results in valuable trade for us, which holds for years when once started, and thus we are repaid. We pay all express, freight, etc. After you know all, if you would like to go to work for us, you can earn from \$20 to \$60 per week and upwards. Address, STINSON & CO., Box 812, Portland, Maine.

dening, is shown a young tree well protected both by stake and mound. A few stones piled around the stem, as shown at b, will often do very well, at least are much better than no protection at all, but will not prevent injury from rabbits and mice, as the mound is quite liable to do. Young trees with little root, when left exposed to the sweeping winds without support, usually are swayed back and forth until a funnel shaped cavity is formed around the base, as may be seen at c, endangering the life of the tree from the drying out of the already scanty root supply, or perhaps by being entirely blown over, as seen at d.

Young evergreens with their comparatively heavy tops are particularly subject to displacement or partial uprooting by the winter's winds, and may be held in position by stout strings fastened to the stem and to small stakes driven into the ground a few feet from the base of a tree, as shown at e. Small, compact evergreens are liable to be broken down in a heavy snowfall—squashed—and the most natural protection perhaps is the one suggested at f, consisting of a sort of roof made of two pieces of board. Tender shrubs may be treated in a vari-



PROTECTING YOUNG TREES AND SHRUBS IN WINTER.

ety of ways. At g we have a shrub protected by an inverted barrel. To make a sure thing still surer, the other head might be taken out also, the barrel filled with dry leaves and again covered. At h we see the shrub wrapped in canvas or muslin, and at i protected by straw or straw matting. A simple way of covering small, tender shrubbery is by means of sods, as illustrated at j, but ordinary soil, as at k, will do about as well.

Timely attention to these things saves many valuable trees and shrubs from injury and well repays the grower for attending labor and expense.

We wish to be fully up with the times—farmers are invited to send us all items worthy of notice.

## Pleuro-Pneumonia AND Hog Cholera.

Dr. LEMAY, V. S. Late Inspector of Stock for the State of Maryland, says:

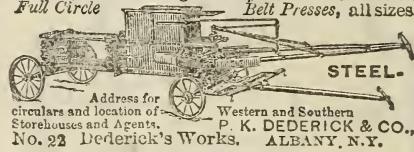
From a chemical analysis I find PROF JOHN'S STOCK POWDER to be the best remedy known for the prevention and cure of Pleuro-Pneumonia and Hog Cholera and confidently recommend it as a safe and beneficial tonic.

Sold by all Druggists, Merchants and Dealers throughout The United States and Canadas.

One Pound Package, 25 Cents.  
Also, Put up in 25 lb. Boxes for Dairyman's Use  
PREPARED ONLY BY  
J. R. STONEBRAKER,  
200 N. GREEN ST., BALTIMORE, MD.

### DEDERICK'S HAY PRESSES.

Made of steel, lighter, stronger, cheaper, more power, everlasting and competition distanced. For proof order on trial to keep the best and get any other alongside if you can. *Reversible Full Circle Belt Presses, all sizes.*



Address for  
circulars and location of  
Storehouses and Agents,  
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### Eggs for Hatching.

23 varieties of Poultry. Turkeys, Ducks &c.

Poultry Food | Makes hens lay, keeps disease away.  
Rouge Pills | 16 yrs. experience. I guarantee it.

Horse, Cattle and Hog Condition Powders.

Used by a Veterinary for 30 yrs. One for each, not one for all, our success. Bone and Nerve Liniment for beast only. White wrappers, and for Man and Beast. Pink wrappers, used by Veterinary 30 yrs. Used by an M. D. 50 yrs. Before you buy—send stamp for circular.

HOMER H. HEWITT, Williamsburg, Pa.

# FRUIT TREES

Largest and Most Complete Stock in the United States.

and Ornamental; Evergreens, Roses, Shrubs, Grapes, Hardy Plants, Peonies, Small Fruits, etc. New illustrated and descriptive priced CATALOGUE containing important information for planters &c  
**ELLWANGER & BARRY, FREE**  
 Mount Hope Nurseries, ROCHESTER, N.Y.

**REID'S PEERLESS CREAMERY**  
 Absolute Perfection for Best Quality Butter.

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Send for my Illus. Catalogue of New and Valuable CREAMERY PLAN and valuable information for Creamery men and Butter Factories.

**CREAMERY SUPPLIES.**

A. H. REID, 30th and Market Streets, PHILADELPHIA, PA.

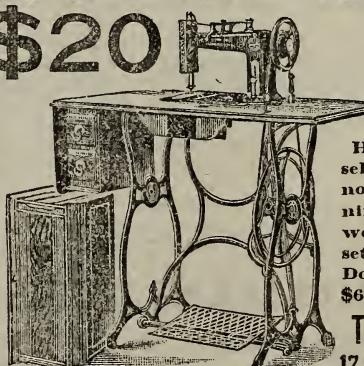
**A STEM-WINDING BEAUTY**  
 POSITIVELY THE FIRST & ONLY **FREE**

**FREE** **FOR 60 DAYS FREE**

1200 of these beautiful 18k. gold Plated watches to be given absolutely **FREE** to 1200 persons who will read this advertisement and help introduce new subscribers to the **HOUSEHOLD COMPANION**—Offer No. 1: The **HOUSEHOLD COMPANION** will be sent six months **FREE** to 1200 persons who will answer this advertisement and send in the address of 20 newspaper readers, representing different families, to be remitted sent same day subscriptions are received. The old great and popular **Illustrated HOUSEHOLD COMPANION** of New York, is a complete family paper in its fullest sense; each issue profusely and beautifully illustrated, containing several complete and serial stories of fascinating interest, and a rich variety of funny sketches, anecdotes, news, condensed notes on fashion, art, industries, literature, &c., and stands conspicuous among the illustrated Metropolitan journals of the country. Remember we gained and maintain our immense popularity by circulation by giving only valuable and useful premiums and that it would not pay an old established premium New York paper to disappoint its patrons. You want one of the above premiums and we will promise to assist us send 15 cents, in silver or stamps, to help pay postage, packing &c., and you will get prompt attention by return mail. Address **HOUSEHOLD COMPANION**, P. O. Box 2049, New York City. Offer No. 2—For 25 cents will send paper one year and a **SOLID GOLD** Hunting Case, Stem Winding, Stem Setting Watch, with Lever Movement, Expansion Balance, and all modern improvements, either Elgin or Waltham make, for a list of 10 subscribers. If you want the **Gold Watch** send 25 cents and the names of 10 newspaper readers.

**ONLY \$20**

**HIGH ARM,  
 PHILAD'A  
 SINGER.**



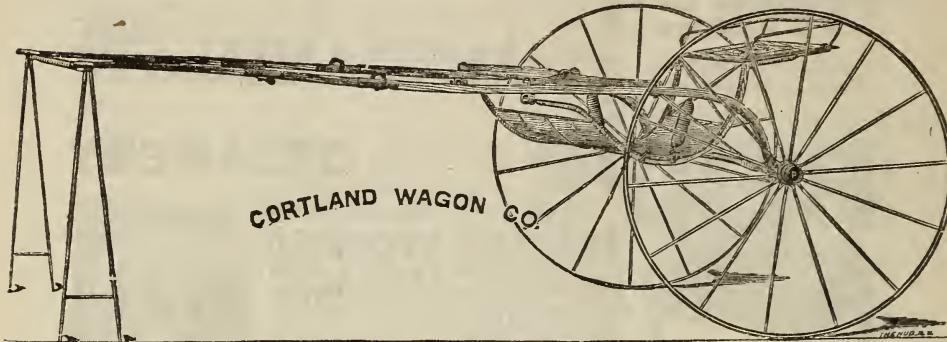
**WARRANTED  
 5 YEARS.**

**15 DAYS TRIAL.**

Has Self-setting Needle, self-threading shuttle, is noiseless and light-running, has the handsomest wood-work, and finest set of extra attachments. Don't pay agents \$55 or \$60; send for circular.

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# THE CORTLAND ROAD CART.



## CONSTRUCTION.

In the manufacture of this wonderful cart only the very best quality of everything is used: Wheels, Kenney patent, A 1 grade; axles steel, double collar, size  $\frac{1}{2}$  inch; shafts, best second growth hickory, thoroughly seasoned, XXXX quality. The seat and body frame is constructed of T steel side pieces; bottom made of veneered wood, three thicknesses, thoroughly riveted to side pieces. The side pieces are connected in front under shafts with a joint, and are supported by means of two spiral springs, as shown in cut. These springs are made from best crucible steel, and twelve feet coiled in each; oil tempered; laminated wood seat bottom; forged iron seat rail; finished in the white; nicely striped, and full leather trimmed. This cart guaranteed in all parts.

## Carefully Note These Points.

1. This easy-riding cart has no seat bars to climb over in getting in and out of the seat. This makes it desirable for all classes of people.
2. It is the only cart that can be adjusted to suit the road and the weight of the rider. Five seconds will produce this great result.
3. The bottom is solid, in preference to slats so commonly used, which protects driver from dust and mud.
4. Where other carts have from two to three foot spring, the Spiral has twenty-four foot springs, giving more elasticity than any other cart made.
5. It is the lightest draught cart in the market.
6. It balances perfectly.
7. It is free from horse motion.
8. A perfect beauty in appearance.

## TO HORSEMEN.

A TEST.—Place two by four scantlings eight or ten feet apart on a road, and then drive over them as fast as your horse can trot or run. We will guarantee that the rider shall not be moved from the seat by such a severe test. Try any other cart and watch the result.

We guarantee the springs for five years. Should they break, we replace them free of charge. Ask any other manufacturer to give you such a warrantee and see what he will say.

If you are told that other carts have no horse motion, it is only when the horse is standing still, for with such carts you surely get a very unpleasant jerking motion, that is entirely avoided with our Spiral Spring Cart.

We have this cart with single and double seat. We also furnish, for doctors' use, a cart with box under the seat, adapted particularly for their profession.

Always buy a good article. Write for prices.

**E. WHITMAN, SONS & CO.,**

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Grand, Upright and Square  
UNSURPASSED IN

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CREOSOTE OIL  
BEST PREVENTIVE  
AGAINST ROT  
OF POSTS OR TIMBER  
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The same, finer quality 25c  
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Trimmings, Laces, etc., etc.,  
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Nothing too large, nothing too small. Write  
plainly just what you want; send money, post-  
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